

19980721.ba v02_n137.bam.980721

>From ???@??? Wed Jul 22 02:07:40 1998
Message-Id: <199807211731.MAA18260@sco.theporch.com>
Date: Tue, 21 Jul 1998 12:28:35 CDT
Subject: BOATANCHORS digest 2137

BOATANCHORS Digest 2137

Topics covered in this issue include:

- 1) Re: DC ON FILAMENTS
by Bob Roehrig <broehrig@admin.aurora.edu>
- 2) Need R-47 Speaker
by "Andrew E. Howard, Sr." <sweetbay@compuserve.com>
- 3) Re: HA-5 vfo
by ke8rn@juno.com
- 4) Heath FS
by David and Shari Abell <dabell@aloha.net>
- 5) Wasted Money
by Jderm740@aol.com
- 6) Re: What is a 1619 tube?
by polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)
- 7) SX-100 knob needed
by Bob Roehrig <broehrig@admin.aurora.edu>
- 8) Need an Eye Sholder Tube?
by "David L. Stinson" <arc5@ix.netcom.com>
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by Richard Post <post@ouvaxa.cats.ohiou.edu>
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by FRANKK6NL@aol.com
- 12) DAE-1 manual copies, still searching
by William Donzelli <william@ans.net>
- 13) AN/UPX-1 information wanted
by William Donzelli <william@ans.net>
- 14) HRO-5 PS question
by n6nae@ix.netcom.com (Richard Humphrey)
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by "Steve" <scb@mail.internettport.net>
- 16) Re: The Mysterious Work Stuff Has Pups
by "Mark J. Blair" <mblair@groomsh.irv.ca.us>
- 17) FS 75A4
by "WA1DCP" <vital@gate.net>
- 18) old vhf radio
by henk tattje <tattje@cs.utwente.nl>
- 19) I Dare Ya...

- by "David L. Stinson" <arc5@ix.netcom.com>
- 20) 1921 transmitter
by GIBSON@ASTRA.LBL.GOV
- 21) Nixie Darlin'
by "Lamb, Charles E MD (MIS, SalemVA)"
<Charles.Lamb@geics.ge.com>
- 22) FS: Johnson KW Matchbox
by JONWEINER@aol.com
- 23) SHORT WAVE FREQUENCY ALLOCATION LIST
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 24) ELECTRIC RADIO 4/91 ARTICLE COPY
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 25) SELECTIVITY CURVES & OTHER STUFF ON BA RECEIVERS REQUESTED
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)

Date: Mon, 20 Jul 1998 11:01:44 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DC ON FILAMENTS
Message-ID: <Pine.ULT.3.96.980720110102.18936B-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 20 Jul 1998, JOHN SEHRING wrote:

> One other way to reduce hum with ac-operated filaments is to put some
> positive dc voltage on it. This is best done using a filament transformer
> with a center-tapped secondary. It adds some dc "bias" between the
> filament & cathode to block ac current flow from heater to cathode.
> Perhaps it could be done without the center tap.
>
> Example is Halli SX-101A. Puts about +40 vdc (from +150 vdc reg line) into
> center tap for filament of HF oscillator tube. This tube has its own fil
> transformer, runs continuously for thermal stability.

Another good place to get the DC voltage is off the cathode of the
audio output stage.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Mon, 20 Jul 1998 12:36:28 -0400

From: "Andrew E. Howard, Sr." <sweetbay@compuserve.com>
Subject: Need R-47 Speaker
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199807201252_MC2-53A3-AB6A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi to all,

I was recently fortunate enough to get my second SX-115 and need a matching speaker. Anyone having an R-47 speaker they will sell please let me know. I am only interested in one in good condition.

Thanks and best wishes,

~~~~~  
Andrew E. (Andy) Howard, Sr., WA4KCY  
105 Sweet Bay Lane  
Carrollton, Georgia 30116-8519  
Telephone 770-832-0202  
AMI #9 - Southeastern Division Director  
Web Page URL -  
<http://ourworld.compuserve.com/homepages/sweetbay>  
<><

~~~~~ =  
Keeper of the Hallicrafters SX-88 Owners List

From: ke8rn@juno.com
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Mon, 20 Jul 1998 13:28:26 -0400
Subject: Re: HA-5 vfo
Message-ID: <19980720.133451.3662.0.KE8RN@juno.com>

The HA-5 is really a nice VFO; the HT-40 is not of the same class it would seem. I've seen that combination a few times also. As I recall, the HA-5 is a heterodyne VFO and a quite stable one at that.

George KE8RN

On Mon, 20 Jul 1998 11:06:40 -0400 (EDT) cswiger

<cswiger@wilma.widomaker.com> writes:
>Steve stevef@gte.net asks:
>
>>I have a questoin for the group. For which radio did the
>Hallicrafters
>>HA-5 Vfo match.
>
>Mine came bundled with an HT-40 novice xmtr.
>
>
> Chuck
> kb4new
> cswiger@widomaker.com
>
>

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Message-Id: <3.0.1.32.19980720085053.006a2e7c@aloha.net>
Date: Mon, 20 Jul 1998 08:50:53 -1000
To: Old Tube Radios <boatanchors@theporch.com>
From: David and Shari Abell <dabell@aloha.net>
Subject: Heath FS
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,

I have two restorable Heath rigs for sale.

HW-17 2 mtr tranceiver no mic or manual. \$100 obo
HR 1680 ham band receiver no manual \$100 obo

Both need cabinets repainted buy faceplates good.

All plus shipping from 96741.

Aloha,
Dave Abell dabell@aloha.net

From: Jderm740@aol.com
Message-ID: <7c064e7.35b39926@aol.com>
Date: Mon, 20 Jul 1998 15:23:17 EDT

To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Wasted Money
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi to one and all

A conversation with my Postmaster reveals that USPS DOES NOT handle PRIORITY MAIL. It's handled by an outside contractor who screws up. My area has had a change of Zip codes recently and as a good citizen I have been informing correspondents of that fact.

Guess what. I just received two prios with the NEW zip crossed out and the OLD Zip writted in pencil. Smart!

Also Prios only take about one day less than first class. The two items I ordered from a comercial company cost more to ship than they were worth. I appreciate the effort but YOU CAN'T MAKE ANY MONEY THAT WAY.

Jack

Date: Mon, 20 Jul 1998 16:15:23 -0400
From: polepeeg@aaa4rm.ba-watch.org (BA Marina Electrician)
Message-Id: <199807202015.QAA10380@aaa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: What is a 1619 tube?

Deah hikrbikr:

It's a de-rated 6L6, just like it's sister the 1624 was a de-rated 807.

They both had oxide quick-heating filaments & were used in the pioneer Galvin (Motorola) 27 mc FM BC603/604 pair in Sherman Tanks, Half Tracks, Ducks, Command Cars, etc. These kept our lads in complete touch thru all sort of guff the DG & G lads had to suffer with AM. FM was our great break thru & right up there with cm-wavelength radar, a-bombs, & free chesterfields.

A COMPLETE set just traded at the SARS meet Saturday in Atlanta & the new owner, a military car collector, is one happy lad - who now needs a CH64 waterproof case to go with it!

Ask the time & you get a watch mechanics spiel

M

Date: Mon, 20 Jul 1998 16:03:14 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-100 knob needed
Message-ID: <Pine.ULT.3.96.980720160227.4119A-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Still looking for the main tuning (or bandspread) knob for a SX-100.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Message-ID: <35B3B54D.2CE5@ix.netcom.com>
Date: Mon, 20 Jul 1998 16:23:25 -0500
From: "David L. Stinson" <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need an Eye Sholder Tube?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd like to check with friends here on BA before
going on Ebay.

I have one of the scarce RCA 6E5 tubes that has the
sholder, not the straight sides. It's working fine.

Anyone here have a piece of gear that needs a
sholdered 6E5? If so, let's talk a trade.
Please- only if you need it for gear or
an antique radio.
Best "I really need it" story gets it.
Otherwise I'll put it on Ebay and help
pay the bills.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Message-Id: <199807202117.QAA20486@smtp2.mailsvcs.net>
From: "Grant Youngman" <nq5t@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 20 Jul 1998 16:16:16 -0600

MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: WTB: Hammarlund SPC-10

Gang ...

This is my semi-annual (or so) hunt for an SPC-10. I'm not interested in substituting an HC-10 -- have one.

If you have one to part with, please respond with condition and asking price.

Thanks .. Grant

Grant Youngman -- NQ5T
nq5t@gte.net
HTTP://home1.gte.net/nq5t
Double Oak, TX (near Dallas)

Message-Id: <v03007802b1d95cd7425a@[132.235.47.54]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 20 Jul 1998 17:42:33 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Re: High voltage measurement techniques

Ben,
What's inside that nicely insulated Heath high voltage probe (and other VTVMs with 10 megohm or so DC input impedance) is a long 990 megohm resistor and a spring to help assure electrical contact at both ends. If you buy one at a hamfest, carefully clean out any corrosion at the contact points.

The probe becomes a simple a 100 to 1 resistive voltage divider if you think of the VTVM as the 10 meg resistor. You normally use the 300 volt scale as the 30,000 volt scale. I have even used the VTVM and probe on a low voltage scale such as 10 volts to read a 1000 volt source with a very low loading on the supply since my meter impedance with the hi-volt probe is 1000 megohms. On some VTVM's, the 3 volt scale or lower is NOT 10 megohms input so check on a known voltage source before relying on the lowest scale.

If you apply Ohm's Law and know your probe, you can use the old Heath hi-volt probe even in non-VTVM situations. For example, a 20,000 ohms per volt VOM on the 500 volt scale ONLY is a 10 megohm input device. Using a

hi-volt probe with the 990 megohm resistor inside will allow the same 100 to 1 voltage divider situation.

I prefer to use the long hi-volt probe even when dealing with 1000 or 2000 volts since that 990 megohms is a good current limiter between me and the high voltage should I be so stupid as to get bitten. The VTVM can be switched to measure either positive or negative, unlike the all-in-one Television hi-voltage meter I also have.

As in all hi-volt measurement, think about what you are doing and think safety first (one hand in your back pocket, etc.)

Years ago, when messing with tube TV sets, I used to check the "Do not Measure" points with a stick focus rectifier attached to the point of my hi-volt probe. If I got a typical high voltage range, I knew the stage was working. :-)

73,
Rich

>Greetings everyone...

>just use the old HP. But, minus any sort of high voltage meter, does one
>measure something in the neighborhood of 2kvdc? I'm thinking "precision on
>a budget:"

>

>Build up a piece of lexan with 10 X 10 meg resistors in series, and hooking
>this across the 2kvdc supply. 100 meg will not draw the supply down, and
>the 10 resistors in series will provide more than adequate margin on the
>voltage rating of the resistors (350 volts each). I then measure the
>voltage across one of the 10 resistors, multiplying by 10 to get my voltage.

>

>*BUT* The VTVM has resistance too, and if I remember correctly, the HP
>412A is around 10 meg? 11 meg? So it will affect the reading. So I'll
>actually be reading voltage across 5 meg, right?

>

>Just curious to know how far off my thoughts are... BTW - how do those
>"high voltage probes" they make for VTVM's work?

>

>Thanks and 73,

>Ben

=====
Boatanchor Pix website - KB8TAD
<http://ouvaxa.cats.ohiou.edu/~post/PIX/BA.html>

visit the Museum of Radio and Technology website
<http://ouvaxa.cats.ohiou.edu/~post/MRT/>
<mailto:rpost1@ohiou.edu>

=====

From: FRANKK6NL@aol.com
Message-ID: <2a8e38c2.35b3f6fc@aol.com>
Date: Mon, 20 Jul 1998 22:03:39 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: FS D104
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

For sale- D104 microphone (no switch) 45\$ plus shipping.
Frank K6NL

Date: Mon, 20 Jul 1998 22:27:49 -0400 (EDT)
From: William Donzelli <william@ans.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: DAE-1 manual copies, still searching
Message-Id: <Pine.GS0.3.96.980720222613.20315A-1000000@titan.purch.ans.net>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I am still looking for that DAE-1 manual I have. For those of you who requested copies, please be patient, it will turn up in one of those moving boxes, then off to the Xerox machine.

William Donzelli
william@ans.net

Date: Mon, 20 Jul 1998 22:31:28 -0400 (EDT)
From: William Donzelli <william@ans.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: AN/UPX-1 information wanted
Message-Id: <Pine.GS0.3.96.980720222857.20315B-1000000@titan.purch.ans.net>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Being an IFF and radar geek, I just purchased a neat control box for the shipboard AN/UPX-1 interrogator. I have no information for it, or the rest of the system for that matter. Does anyone out there have a tech manual they would part with?

William Donzelli
william@ans.net

Date: Mon, 20 Jul 1998 23:13:59 -0500 (CDT)
Message-Id: <199807210413.XAA26112@dfw-ix3.ix.netcom.com>
From: n6nae@ix.netcom.com (Richard Humphrey)
Subject: HR0-5 PS question
To: Old Tube Radios <boatanchors@theporch.com>

My buddy has got his old HR0-5 working, sort of. The B+ is quite low. The manual says 255 VDC. With the 5Y3 in the rectifier socket, he only gets 170. Using silicon diodes, he can get it all the way up to 230.

The manual says the plate transformer winding should be 560 VAC end-to-end. His tranny measures 420 with the B+ switch open, 400 under load.

I'm wondering if somebody put in a replacement transformer with the wrong plate voltage. I also told him to check both primary windings to see if they're both good. He's also going to measure the 6.3 and 5 volt windings.

Anybody have one of theirs open to take some readings?

Richard
n6nae@ix.netcom.com

Message-Id: <199807210453.XAA11130@loki.internettport.net>
From: "Steve" <scb@mail.internettport.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 20 Jul 1998 23:38:56 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: LOUD SPEAKER REPAIRS ??
CC: boatanchors@theporch.com

"I need to find a person doing speaker re-coning."

Hi There;

Lakes Loudspeaker Svc. in Fla. Can get full address later if you need it.

Steve

Message-Id: <199807210619.XAA05494@gruumsh.irv.ca.us>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: The Mysterious Work Stuff Has Pups
Date: Mon, 20 Jul 1998 23:19:40 -0600
From: "Mark J. Blair" <mblair@gruumsh.irv.ca.us>

rbarmore@indy.net wrote:

[...]

> Discovery One: the way the breakers install, you really don't dare
> install 'em hot--there's a kind of busbar "Z" bracket
> (horizontal-vertical-horizontal, if the breaker is laying face down in
> front of you) for each phase that extends from the main busses, over, up
> and over to get clamped to the back of the breaker with a husky bolt from
> the front and a pem-nut forced into the Z-bracket from the back. You
> can't even *see* the darned things when the breaker is installed!

[...]

Great story. The suspense leading up to the discovery of the glowing bracket was scarier than "Scream 2", IMHO [though that's not much of a stretch :-)].

For us wet-behind-the ears-young pups who grovel in the shadows of our elder (and not so elder, before I get whacked on the back of the head) BA masters, what the heck's a pem-nut, anyway?

--

Mark J. Blair, KE6MYK <mblair@gruumsh.irv.ca.us>
PGP public key available from <http://pgp.ai.mit.edu/>
DO NOT SEND ANY UNSOLICITED COMMERCIAL EMAIL TO THIS SITE

Message-Id: <199807210718.DAA161260@chickasaw.gate.net>
From: "WA1DCP" <vital@gate.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Collins Listserver" <collins@listserv.tempe.gov>,
 "Forsale-Swap" <forsale-swap@qth.net>,
 "Boatanchors" <boatanchors@listserv.tempe.gov>,
 "BA Swaplist" <baswaplist@foothill.net>
Subject: FS 75A4
Date: Tue, 21 Jul 1998 03:19:41 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have the 75A4 still available as the buyer backed out.(No more posting it's sold until check in hand)
75A4 in vg condition ser #834 one small(less than 1 inch) scratch on the right rear cover as far back as you can go(easy touch up) The rest of the cabinet and front face is excellent condition.One filter 3.1 and spinner knob . Radio works good.
\$695obo
Thanks Port

Message-ID: <01BDB48E.557FDA80@utip260.cs.utwente.nl>
From: henk tattje <tattje@cs.utwente.nl>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: old vhf radio
Date: Tue, 21 Jul 1998 10:00:02 +0200
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I've found an old VHF transceiver, AM 100- 156 MHz, most likely ground based, like a small airfield, external power supply (not present). Estimated power output 4 watts, 4 xtal controlled frequencies, must be manually set, changing frequencies means the set must be retuned. Two calibrated tuning scales. Size (appr) lhd 40*20*30 cm. ID plate says: wireless set burnsdept BE 201. Tubes complement suggests it's from the fifties. As I've collected this item for my "museum" I'd like to know more about it, is there someone with some info on this one. thanks in advance

henk

Message-ID: <35B44F31.7970@ix.netcom.com>
Date: Tue, 21 Jul 1998 03:20:01 -0500
From: "David L. Stinson" <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: I Dare Ya...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Go ahead!
You KNOW you want to....
Your fingers are ITCHING to do it...
You just gotta start a forbidden thread....

Post to the BA list about the new ARRL licensing proposals...

I dare ya!

I haven't seen a good "Jack-Attack" in weeks.
We gotta get his blood pumping once in a while.
Don't want him to get too comfortable.

He might think we don't need him or something!

And besides...

My IRA plan owns stock in the company
that makes his blood pressure pills.

73 Dave AB5S

From: GIBSON@ASTRA.LBL.GOV
Date: Tue, 21 Jul 1998 7:50:42 -0700
To: Old Tube Radios <boatanchors@theporch.com>
Message-Id: <980721075042.244001a2@ASTRA.LBL.GOV>
Subject: 1921 transmitter

Was reading in a 1951 Wireless World mag about the placing of a granite marker at the site of the US amateur station on the 30th anniversary of the transatlantic tests in 1921. I often wondered why they only listened for sigs in the UK instead of establishing a QSO. The answer was in W.W., the British hams were only allowed 10 watts in those days.

Message-ID: <30C16A49E415D211863B006094230AF807759C@vasale04misge.salem.ge.com>
From: "Lamb, Charles E MD (MIS, SalemVA)"
<Charles.Lamb@geics.ge.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Nixie Darlin'
Date: Tue, 21 Jul 1998 13:22:10 -0400

Hello group,

Well, the network traffic is in a slump, so I will send up a smoke signal (knew I should've checked that B+ filter cap!) for assistance. I have a GR 1683 Auto RLC bridge which is in need of some replacement Nixie display toobs. These are 13 pin plug in varieties about the size of a 6AU6. These are made by National and have the number NL-845 on them. There is also the number 7511 which I take to be a date code. Any chance this fine group may have knowledge of where I can find a minimum of two (though four would be great)?

With warm indirectly-heated cathodic regards,

Charles
<lambmd-ce@salem.ge.com>

From: JONWEINER@aol.com

Message-ID: <50340c64.35b4cf04@aol.com>
Date: Tue, 21 Jul 1998 13:25:23 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: FS: Johnson KW Matchbox
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I am selling a Johnson KW Matchbox in good condition. This model does NOT have the built in SWR meter. Includes copy of manual. Price \$225., for pick up at Greenville, SC, or add \$15. for shipping.

Jon, K1VVC

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Tue, 21 Jul 1998 13:25:05 -0400 (EDT)
Subject: SHORT WAVE FREQUENCY ALLOCATION LIST
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9807211325.aa24328@pcusa01.ecunet.org>

To: boatanchors@theporch.com

An old BA note worth reposting...

[Last modified 14-Mar-97]

The latest version of this file can be accessed via my web page at:
<http://www.rdrop.com/users/billmc>

Handy Shortwave Chart
Bill McFadden
billmc@agora.rdrop.com

Band allocations and time zone conversions for the USA. Information taken from an NTIA allocations table dated Sep 95. Includes WARC-92 broadcast band extensions which may be used before April 1, 2007 on a secondary (non-interference) basis. Please e-mail corrections to me.

SHORTWAVE BROADCAST BANDS

UNITED STATES TIME ZONES

2300 - 2495 120 Meters

PDT MDT CDT EDT

| | | | | | | | |
|---------------------|------------|-------|-------|-------|-------|-------|-------|
| 3200 - 3400 | 90 Meters | GMT | PST | MST | CST | EST | |
| 3900 - 4000 | 75 Meters | ----- | ----- | ----- | ----- | ----- | ----- |
| 4750 - 5060 | 60 Meters | 0000 | 4 PM | 5 PM | 6 PM | 7 PM | 8 PM |
| 5900 - 6200 | 49 Meters | 0100 | 5 PM | 6 PM | 7 PM | 8 PM | 9 PM |
| 7100 - 7350 | 41 Meters | 0200 | 6 PM | 7 PM | 8 PM | 9 PM | 10 PM |
| 9400 - 9900 | 31 Meters | 0300 | 7 PM | 8 PM | 9 PM | 10 PM | 11 PM |
| 11600 - 12100 | 25 Meters | 0400 | 8 PM | 9 PM | 10 PM | 11 PM | 12 AM |
| 13570 - 13870 | 22 Meters | 0500 | 9 PM | 10 PM | 11 PM | 12 AM | 1 AM |
| 15100 - 15800 | 19 Meters | 0600 | 10 PM | 11 PM | 12 AM | 1 AM | 2 AM |
| 17480 - 17900 | 16 Meters | 0700 | 11 PM | 12 AM | 1 AM | 2 AM | 3 AM |
| 18900 - 19020 | 15 Meters | 0800 | 12 AM | 1 AM | 2 AM | 3 AM | 4 AM |
| 21450 - 21850 | 13 Meters | 0900 | 1 AM | 2 AM | 3 AM | 4 AM | 5 AM |
| 25600 - 26100 | 11 Meters | 1000 | 2 AM | 3 AM | 4 AM | 5 AM | 6 AM |
| | | 1100 | 3 AM | 4 AM | 5 AM | 6 AM | 7 AM |
| | | 1200 | 4 AM | 5 AM | 6 AM | 7 AM | 8 AM |
| AMATEUR PHONE BANDS | | 1300 | 5 AM | 6 AM | 7 AM | 8 AM | 9 AM |
| | | 1400 | 6 AM | 7 AM | 8 AM | 9 AM | 10 AM |
| 1800 - 2000 | 160 Meters | 1500 | 7 AM | 8 AM | 9 AM | 10 AM | 11 AM |
| 3750 - 4000 | 75 Meters | 1600 | 8 AM | 9 AM | 10 AM | 11 AM | 12 PM |
| 7150 - 7300 | 40 Meters | 1700 | 9 AM | 10 AM | 11 AM | 12 PM | 1 PM |
| 14150 - 14350 | 20 Meters | 1800 | 10 AM | 11 AM | 12 PM | 1 PM | 2 PM |
| 18110 - 18168 | 17 Meters | 1900 | 11 AM | 12 PM | 1 PM | 2 PM | 3 PM |
| 21200 - 21450 | 15 Meters | 2000 | 12 PM | 1 PM | 2 PM | 3 PM | 4 PM |
| 24930 - 24990 | 12 Meters | 2100 | 1 PM | 2 PM | 3 PM | 4 PM | 5 PM |
| 28300 - 29700 | 10 Meters | 2200 | 2 PM | 3 PM | 4 PM | 5 PM | 6 PM |
| | | 2300 | 3 PM | 4 PM | 5 PM | 6 PM | 7 PM |

AMATEUR CW BANDS

| | |
|---------------|------------|
| 1800 - 2000 | 160 Meters |
| 3500 - 3750 | 80 Meters |
| 7000 - 7150 | 40 Meters |
| 10100 - 10150 | 30 Meters |
| 14000 - 14150 | 20 Meters |
| 18068 - 18110 | 17 Meters |
| 21000 - 21200 | 15 Meters |
| 24890 - 24930 | 12 Meters |
| 28000 - 28300 | 10 Meters |

OTHER BANDS

| | |
|---------------|--------------------------------|
| 150 - 285 | Longwave Broadcast (not in US) |
| 535 - 1705 | Mediumwave Broadcast |
| 1900 - 2000 | Radiolocation |
| 13360 - 13410 | Radio Astronomy |
| 25550 - 25670 | Radio Astronomy |
| 25850 - 26100 | Remote Broadcast Pickup |
| 26960 - 27410 | Citizens' Band |

FIXED SERVICE BANDS

AIRCRAFT BANDS

MARINE BANDS

| | | | |
|-------------|---------------|-------------|-------------|
| 1705 - 1800 | 13800 - 14000 | 2850 - 3155 | 2000 - 2107 |
| 2107 - 2170 | 14350 - 14990 | 3400 - 3500 | 2170 - 2194 |
| 2194 - 2850 | 15600 - 16360 | 4650 - 4750 | 4000 - 4438 |
| 3155 - 3400 | 17410 - 17550 | 5450 - 5730 | 6200 - 6525 |
| 4438 - 4650 | 18030 - 18068 | 6525 - 6765 | 8100 - 8815 |

| | | | |
|---------------|---------------|---------------|---------------|
| 4750 - 5450 | 18168 - 18780 | 8815 - 9040 | 12230 - 13200 |
| 5730 - 5950 | 18900 - 19680 | 10005 - 10100 | 16360 - 17410 |
| 6765 - 7000 | 19800 - 21000 | 11175 - 11400 | 18780 - 18900 |
| 7300 - 8100 | 21850 - 21924 | 13200 - 13360 | 19680 - 19800 |
| 9040 - 9500 | 22855 - 23200 | 15010 - 15100 | 22000 - 22855 |
| 9900 - 9995 | 23350 - 24890 | 17900 - 18030 | 25070 - 25210 |
| 10150 - 11175 | 26950 - 26960 | 21924 - 22000 | 26100 - 26175 |
| 11400 - 11650 | 29800 - 29890 | 23200 - 23350 | |
| 12050 - 12230 | 29910 - 30000 | | |
| 13410 - 13600 | | | |

LAND MOBILE

US GOVERNMENT

| | |
|---------------|---------------|
| 25010 - 25070 | 25330 - 25550 |
| 25210 - 25330 | 26480 - 26950 |
| 26175 - 26480 | 27540 - 28000 |
| 27410 - 27540 | 29890 - 29910 |
| 29700 - 29800 | |

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 Bill McFadden Tektronix, Inc.
 P.O. Box 500
 MS 50-350
 Beaverton, OR 97077
 bill.mcfadden@tek.com
<http://www.rdrop.com/users/billmc>

 -John Sehring (Tue, Jul 21, 1998 at Custer, SD USA) UCC wb2eqg

 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit
 Date: Tue, 21 Jul 1998 13:25:04 -0400 (EDT)
 Subject: ELECTRIC RADIO 4/91 ARTICLE COPY
 To: Old Tube Radios <boatanchors@theporch.com>
 From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
 Message-ID: <9807211325.aa24308@pcusa01.ecunet.org>

Could anyone supply me with a copy of Johnson Viking Valiant mods by W6BM from Electric Radio, 4/91?

The usual gratuities apply, thanks much.

-John Sehring (Mon, Jul 20, 1998 at Custer, SD USA) UCC wb2eqg

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Tue, 21 Jul 1998 13:25:03 -0400 (EDT)
Subject: SELECTIVITY CURVES & OTHER STUFF ON BA RECEIVERS REQUESTED
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9807211325.aa24277@pcusa01.ecunet.org>

Would the high temperature thermionic denizens of this esteemed list help provide me with the following info? I'm trying to do a brief comparison of certain characteristics of particular BA's.

I'd very much like to see the following info:

1. Selectivity characteristics-- the -6 dB & -60 dB points of the IF response for all the selectivity options of the radio (for calculating shape factor).
2. The approximate shape of the top ("nose") of the selectivity curves, i.e. flat, saddle shape, curved.
3. Image rejection at 7, 30 & 54 MHz.
4. IF rejection @ frequency.
4. AGC characteristics-- the change in AF output vs. the change in RF input.

I'd sure like to see it for: SP-600 (Super Pro), R-390 & R-390A (LC vs. mechanical filter IF's), maybe you have a favorite radio?

Pse email me privately. I will collect the data I get (& add some of my own) and post it here. Thanx!

-John Sehring (Mon, Jul 20, 1998 at Custer, SD USA) UCC wb2eqg

End of BOATANCHORS Digest 2137
